

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

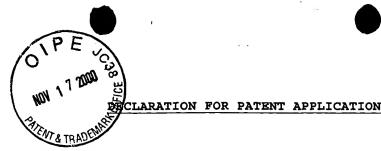
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

	EGFH2 GE	enes and gene 1	PRODUCTS		
the specification of whaugust 15, 2000 as U.S on (if applicable)	. Patent Applio	e) <u>x</u> is a cation Serial	ttached here No. 09/640,0	eto was filed on 041 and was amended	
I hereby state that I lidentified specification					
I acknowledge the duty this application in acc 1.56(a).	cordance with '	Title 37, Code	of Federal	Regulations, Section	
I hereby claim foreign any foreign application also identified below a having a filing date be	n(s) for patent any foreign app	t or inventor' plication for	s certificat patent or ir	te listed below and ha eventor's certificate	
Prior Foreign Applicat: Number		Day/Month/Yea	r Filed	Priority Claimed Yes No	
			=========		
I hereby claim the bendany United States appliance insofar as the subject disclosed in the prior paragraph of Title 35, material information as which occurred between PCT international filing	ication(s) and, matter of each United States United States s defined in Ti	or provisiona hof the claim application i Code, §112, I itle 37, Code te of the prio	l applications of this again the manner acknowledge of Federal For application	on(s) listed below and pplication is not reprovided by the first the duty to disclose Regulations, §1.56(a)	d, st e
Application Serial No.	Filing Date		Patented, I	Status Pending, Abandoned	
60/149,986	August 20, 19	99		Abandoned	

I hereby declare that all statements herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States code and that such willful false

statements may jeopardize the validity of the application or any patent issued thereon.

ruii hame of sole of first inventor w. Michael kavanaugh	
Inventor's signature Wi Michael Sound Date Oct	there 16, 2000
Residence Mill Valley, California	
CitizenshipUnited States of America	
Post Office Address <u>c/o Chiron Corporation</u> , P.O. Box 8097. Emeryville	, CA 94662-8097
Full name of second inventor <u>Hui Cen</u>	·
Inventor's signature Date	
Residence Oakland, California	
Citizenship People's Republic of China	
Post Office Address <u>c/o Chiron Corporation</u> , P.O. Box 8097, Emeryville	, CA 94662-8097
Full name of third inventor	
Inventor's signature	
Residence Novato, California	
Citizenship United States of America	
Post Office Address c/o Chiron Cornoration P O Box 8097 Emergyille	CD 94662-8097



As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

EGFH2 GENES AND GENE PRODUCTS

the specification of which (check one) \underline{x} is attached hereto $\underline{}$ was filed August 15, 2000 as U.S. Patent Application Serial No. 09/640,041 and was amended on $\underline{}$ (if applicable).	
I hereby state that I have reviewed and understand the contents of the above-	

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

I hereby claim the benefit under Title 35, United States Code, §120 and/or 119(e) of any United States application(s) and/or provisional application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Status
Serial No. Filing Date Patented, Pending, Abandoned

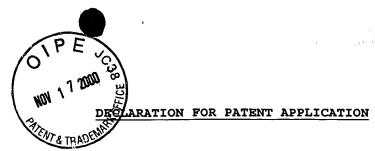
60/149,986 August 20, 1999 Abandoned

I hereby declare that all statements herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States code and that such willful false

Full name of sole or first inventor ___ W. Michael Kavanaugh Inventor's signature ___ Date Residence Mill Valley, California Citizenship United States of America Post Office Address <u>c/o Chiron Corporation</u>, P.O. Box 8097. Emeryville, CA 94662-8097 Full name of second inventor Hui Cen Inventor's signature Residence Oakland, California Citizenship People's Republic of China Post Office Address c/o Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662-8097 Full name of third inventor Pauline Lee Inventor's signature ____ Date Residence Novato, California Citizenship United States of America Post Office Address c/o Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662-8097

statements may jeopardize the validity of the application or any patent issued

thereon.



As a below named inventor, I hereby declare that:

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I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

	EGFH2 GE	NES AND GENE	PRODUCTS		
the specification of whaugust 15, 2000 as U.S on (if applicable)	. Patent Applio	e) <u>x</u> is a cation Serial	attached her No. 09/640,	etowas 041 and was	s filed on amended
I hereby state that I lidentified specification					
I acknowledge the duty this application in acc1.56(a).	cordance with 1	Fitle 37, Code	e of Federal	Regulations	examination of s, Section
I hereby claim foreign any foreign application also identified below a having a filing date be	priority beneated to the priority beneated tof	fits under Tit t or inventor olication for	cle 35, Unit 's certifica patent or i	ed States Co te listed be nventor's co	elow and have
Prior Foreign Applicat: Number	ion(s) Country	Day/Month/Yea	ar Filed	Priority C. Yes	<u>No</u>
*======================================		========		========	===========
I hereby claim the bendany United States appliansofar as the subject disclosed in the prior paragraph of Title 35, material information as which occurred between PCT international filing	ication(s) and, matter of eacl United States United States defined in Ti the filing da	or provisional of the claim application of Code, §112, little 37, Code to of the price	al applicati ms of this a in the manne I acknowledg of Federal or applicati	on(s) listed pplication of r provided le the duty Regulations	d below and, is not by the first to disclose, §1.56(a)
Application Serial No.	Filing Date		Patented,	Status Pending, Ab	andoned
60/149,986	August 20, 19	99		Abandoned	
=======================================		==========		=======================================	=======
I hereby declare that	all statements	herein of my	own knowled	ge are true	and that all

I hereby declare that all statements herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States code and that such willful false

statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor W. Michael Kavanaugh
Inventor's signature
Residence Mill Valley, California
CitizenshipUnited States of America
Post Office Address <u>c/o Chiron Corporation</u> , P.O. Box 8097. Emeryville, CA 94662-809
Full name of second inventor Hui Cen
Inventor's signature Date
Residence Oakland, California
Citizenship People's Republic of China
Post Office Address <u>c/o Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662-809</u>
Full name of third inventor Pauline Lee
Inventor's signature Date 10/23/00
Residence Novato, California
CitizenshipUnited States of America
Post Office Address c/o Chiron Corporation, P.O. Box 8097, Emervville, CA 94662-809

I hereby certify that this paper is being deposited in the United States Postal Service as first class mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231-0001, on November / 4, 2000.

Wancy L. Swanson

1 14 2000 Date #5

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

KAVANAUGH et al.

Serial No.:

09/640,041

Group: 1645

Filed:

August 15, 2000

Examiner: Unassigned

Title:

EGFH2 GENES AND GENE PRODUCTS

POWER OF ATTORNEY FOR PATENT APPLICATION

Assistant Commissioner for Patents Washington, D.C. 20231-0001

Sir:

As assignee of record of the above-identified application, I hereby appoint the following as my attorneys with full power of substitution to prosecute this application and transact all business in the patent office connected therewith:

Comprising Chiron Corporation, Emeryville, California:

Robert P. Blackburn	Reg. No. 30,447	Joseph H. Guth	Reg. No. 31,261
Alisa A. Harbin	Reg. No. 33,895	Charlene A. Launer	Reg. No. 33,035
David P. Lentini	Reg. No. 33,944	Kimberlin L. Morley	Reg. No. 35,391
Lisa A. Alexander	Reg. No. 41,476	Anne S. Dollard	Reg. No. 43,935

Comprising the firm of Seed Intellectual Property Law Group PLLC, Seattle, Washington:

Robert J. Baynham	Reg. No. 22,846	Thomas E. Loop	Reg. No. 42,810
Susan D. Betcher	Reg. No. 43,498	David J. Maki	Reg. No. 31,392
Ellen M. Bierman	Reg. No. 38,079	David D. McMasters	Reg. No. 33,963
David V. Carlson	Reg. No. 31,153	David W. Parker	Reg. No. 37,414
William T. Christiansen	Reg. No. 44,614	Jane E. R. Potter	Reg. No. 33,332
Kevin S. Costanza	Reg. No. 37,801	George C. Rondeau, Jr.	Reg. No. 28,893
David H. Deits	Reg. No. 28,066	Stephen J. Rosenman	Reg. No. 43,058

PATENT U.S. Serial No. 09/640,041 Attorney Docket No. PP-01615.002

Michael J. Donohue	Reg. No. 35,859	Richard W. Seed	Reg. No. 16,557
William O. Ferron, Jr.	Reg. No. 30,633	Richard G. Sharkey	Reg. No. 32,629
Karl R. Hermanns	Reg. No. 33,507	E. Russell Tarleton	Reg. No. 31,800
Brian L. Johnson	Reg. No. 40,033	Gary M. Myles	Reg. No. 46,209
Ann T. Kadlecek	Reg. No. 39,244	Robert Iannucci	Reg. No. 33,514
Lorraine Linford	Reg. No. 35,939		
Brian G. Bodine	Reg. No. 40,520		
Eric J. Gash	Reg. No. 46,274		

Please direct all telephone calls regarding this application to Jane E. R. Potter at Seed Intellectual Property Law Group PLLC: Telephone (206) 622-4900; Facsimile (206) 682-6031.

Address for ALL Correspondence:

Chiron Corporation
Intellectual Property - R440
P.O. Box 8097
Emeryville, CA 94662-8097

CHIRON CORPORATION

Assistant Secretary

Dated this Uday of November, 2000.

PATENT U.S. Applion Serial No. 09/640,041 Attorney Docket No. PP-01615.002

I hereby certify that this paper is being deposited in the United States Postal Service as first class mail in an envelope addressed: Assistant Commissioner Mill atents, Washington, D.C. 20231-0001 on November 14, IN THE UNITED STATES PATENT AND TRADEMARK OFFICE In re Application of KAVANAUGH et al. Serial No.: 09/640,041 Group Art: 1645 Filed: August 15, 2000 Examiner: Unassigned For: EGFH2 GENES AND GENE PRODUCTS **CERTIFICATE UNDER 37 C.F.R. § 3.73(b)** CHIRON CORPORATION states that it is: 1. [X] the assignee of the entire right, title, and interest, or 2. [] an assignee of an undivided part interest in the patent application/patent identified above by virtue of either: A. [X] An Assignment from the inventor(s) of the patent application/patent identified above. The patent application identified above claims the benefit of Provisional Application No. 60/149,986, filed August 20, 1999, wherein an Assignment was recorded in the Patent and Trademark Office on December 14, 1999 at Reel 010464, Frame 0910, for which a copy thereof is attached. OR A chain of title from the inventor(s) of the patent application/patent identified above to the current assignee as shown below:

The document was recorded in the Patent and Trademark Office at

Reel ______, Frame ______, or for which a copy thereof is attached.

To:

1. From:

2. From: 10:
The document was recorded in the Patent and Trademark Office at
Reel, Frame, or for which a copy thereof is attached.

3. From: To: To: The document was recorded in the Patent and Trademark Office at
Reel, Frame, or for which a copy thereof is attached.
[] Additional documents in the chain of title are listed on a supplemental sheet.
[X] Copies of assignments or other documents in the chain of title are attached.
[NOTE: A separate copy (i.e., the original assignment document or a true
copy of the original document) must be submitted to Assignment Division in
accordance with 37 CFR Part 3, if the assignment is to be recorded in the
records of the PTO. See MPEP 302-302.8]
The undersigned (whose title is supplied below) is empowered to act on behalf of the
assignee.
•
D. 1 1/4 2000
Date: November 14, 2000
Name: Kimberlin L. Morley
Name. Kimberini L. Woney
Title: Assistant Secretary, CHIRON CORPORATION
Signature: Kuberlin (Moly)



MARCH 22, 2000

CHIRON CORPORATION
KIMBERLIN L. MORLEY
INTELLECTUAL PROPERTY - R440
P.O. BOX 8097
EMERYVILLE, CA 94662-8097



UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

PTAS

101236570A

MAR 2000 Received

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 12/14/1999

REEL/FRAME: 010464/0910

NUMBER OF PAGES: 11

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

KAVANAUGH, W. MICHAEL

DOC DATE: 12/08/1999

ASSIGNOR:

CEN, HUI

DOC DATE: 10/01/1999

ASSIGNOR:

LEE, PAULINE

DOC DATE: 09/24/1999

ASSIGNEE:

CHIRON CORPORATION
P.O. BOX 8097
INTELLECTUAL PROPERTY - R440
EMERYVILLE, CALIFORNIA 94608-8097

SERIAL NUMBER: 60149986

PATENT NUMBER:

FILING DATE: 08/20/1999

ISSUE DATE:

FOR YOUR INFORM

Date:

To:

From:

Chiron Corporation

Iw

Claxler o

10 5,001

010464/0910 PAGE 2

MARCUS KIRK, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

01-05-2600

101236570

PATENT 1. 60/149,986 No. 1615.001

I hereby certify that this paper is being deposited in the United States Postal Service as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231-0001, Attn: Box Assignments, on December 1/0, 1999.

Nancy L.\Swanson

1 7 2000

Date

IN THE UNITED STATES PATE AND TRADEMARK OFFICE

In re Application of: W. MICHAEL KAVANAUGH et al.

Serial No.:

60/149,986

Group Art:

Unassigned

Filed:

August 20, 1999

Examiner:

Unassigned

For

EGFH2 GENES AND GENE PRODUCTS

ASSIGNMENT DOCUMENT COVER LETTER

Box Assignment Assistant Commissioner for Patents Washington, D.C. 20231

- 1. The accompanying assignment covers the patent or application identified above.
 - X No other patents or applications are covered by the assignment.
 - Other patents and/or applications are covered by the assignment as shown on the attached LIST OF PATENTS AND/OR APPLICATIONS COVERED BY ASSIGNMENT.

01/05/2000 DNGUYEN 00000046 60149986

01 FC:581

NAMES OF PARTY MAKING TRANSFER

2.	Name 1:	W. Michael Kavanaugh
2.	Name 2:	Hui Cen
	Name 3:	Pauline Lee
	IDI	ENTITY OF PARTY TO WHOM TRANSFER IS MADE
3.	Transfer is	being made to:
		CHIRON CORPORATION
		Intellectual Property - R440
		P.O. Box 8097
		Emeryville, California 94608-8097
		United States of America
		INTENTION OF DOCUMENT
4.	The accomp	anying document is an:
	X Assi	gnment License
	Secu	rity Interest Other
	X Exec	cution Date: September 24, 1999, October 1, 1999 and December 8, 1999,
		FEE PAYMENT
5.	Total fee du	ne \$40.00
6.	Char	rge Deposit Account No. 03-1664 in the sum of \$40.00.
	X Encl	osed is a check for \$40.00.
		Assistant Commissioner is hereby authorized to charge any additional fees the may be required or credit any overpayment to Deposit Account No. 03-

ISSUE FEES.

1664. THIS IS NOT AN AUTHORIZATION FOR PAYMENT OF ANY

ADDRESS TO WHICH DOCUMENT SHOULD BE RETURNED AFTER RECORDAL BY PTO

7. Please return the recorded document to:

CHIRON CORPORATION
Intellectual Property - R440
P.O. Box 8097
Emeryville, California 94662-8097
United States of America

STATEMENT BY THE PARTY

8. I hereby submit that, to the best of my knowledge and belief, the foregoing information contained herein is true and correct and any copy submitted herewith is a true and correct copy of the original document.

Respectfully submitted,

Kimberlin L. Morley

Attorney for Assignee

Reg. No. 35,391

Dated: December _____, 1999

CHIRON CORPORATION Intellectual Property - R440 P.O. Box 8097

Emeryville, California 94662-8097

TEL: (510) 923-8406 FAX: (510) 655-3542

Total number of pages comprising cover sheet: 11 (Assignment Cover Letter plus Original Assignment)

ASSIGNMENT

WHEREAS, We, W. MICHAEL KAVANAUGH, HUI CEN, and PAULINE LEE, hereinafter referred to as ASSIGNORS, have co-invented certain improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: EGFH2 GENES AND GENE PRODUCTS

Date of Execution: September 24, 1999 and December 8, 1999

Filing Date: 08/20/99

Serial No: 60/149,986

WHEREAS, CHIRON CORPORATION, located at 4560 Horton Street, Emeryville, California 94608-2916, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in the said invention and application and in any Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to ASSIGNORS by ASSIGNEE, receipt of which is hereby acknowledged, ASSIGNORS have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE'S successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions (including conversions claiming priority under 35 U.S.C. § 119(e)), reissues, prolongations or extensions thereof, the said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNORS had this assignment and transfer not been made, to the full end and term of any Letters Patent.

ASSIGNORS also agree that the U.S. serial number and the filing date may be entered above by ASSIGNEE or its agents upon designation of the serial number and the filing date by the U.S. Patent and Trademark Office.

ASSIGNORS further agree that they will, without charge to said ASSIGNEE, but at ASSIGNEE'S expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE'S successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNORS have hereunto signed their names to this assignment on the dates indicated below.

INVENTOR: W. MICHAEL KAVANAUGH

DATE & December 1989

Signature

State of California

County of Aldress

WITNESS my hand and official seal.

Signature of Notary Public

NANCY L. SWANSON
Commission # 1162842
Notary Public - California
Alameda County
My Comm. Expires Nov 23, 2001

Notary Seal

INVENTOR: HUI CEN

DATE	·
•	Signature
State of California	
County of	
within instrument and acknowledged to me his/her/their authorized capacity(ies), and	· · · · ·
WITNESS my hand and official seal.	
Signature of Notary Public	Notary Seal

INVENTOR: PAULINE LEE

DATE _	9-24-99	and
		Signature

State of California
County of A 20000

WITNESS my hand and official seal.

Signature of Notary Public

Notary Public - California
Alameda County
My Comm. Expires Nov 23, 2001

NANCY L. SWANSON Commission # 1162842

Notary Seal

ASSIGNMENT

WHEREAS, We, W. MICHAEL KAVANAUGH, HUI CEN, and PAULINE LEE, hereinafter referred to as ASSIGNORS, have co-invented certain improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:

EGFH2 GENES AND GENE PRODUCTS

Date of Execution:

October 1, 1999

Filing Date:

08/20/99

Serial No:

60/149,986

WHEREAS, CHIRON CORPORATION, located at 4560 Horton Street, Emeryville, California 94608-2916, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in the said invention and application and in any Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to ASSIGNORS by ASSIGNEE, receipt of which is hereby acknowledged, ASSIGNORS have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE'S successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions (including conversions claiming priority under 35 U.S.C. § 119(e)), reissues, prolongations or extensions thereof, the said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNORS had this assignment and transfer not been made, to the full end and term of any Letters Patent.

ASSIGNORS also agree that the U.S. serial number and the filing date may be entered above by ASSIGNEE or its agents upon designation of the serial number and the filing date by the U.S. Patent and Trademark Office.

ASSIGNORS further agree that they will, without charge to said ASSIGNEE, but at ASSIGNEE'S expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE'S successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNORS have hereunto signed their names to this assignment on the dates indicated below.

		INVENTOR: W. MICHAEL KAVANAUGH
DATE		
		Signature
State of Califor	rnia	
County of		
to me on the b within instrun his/her/their	asis of satisfactory eviden nent and acknowledged to authorized capacity(ies), a e person(s), or the entity u	, Notary Public,, personally known to me OR proved ce to be the person whose name is subscribed to the o me that he/she/they executed the same in and that by his/her/their signature(s) on the pon behalf of which the person(s) acted, executed
WITNESS my	hand and official seal.	
Signature of N	Jotary Public	Notary Seal

U.S. Provisional No. 60/149,986 Attorney Docket No. 1615.001

INVENTOR: HUI CEN

DATE 10/1/99

Signature

State of California
County of ALAMEDA

On October 157/49 before me, SEAN A. MORGAN Notary Public, personally appeared HUI CEN personally known to me OR proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that be/she/they executed the same in his/her/their authorized capacity(jes), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature of Notary Public

My Comm. Expires May 11, 2002

SEAN A. MORGAN
Comm. # 1183317
IOTARY PUBLIC - CALIFORNIA

Alameda County

Notary Seal

INVENTOR: PAULINE LEE

DATE		
		Signature
State of Calif		
County of _		
On	before me,	, Notary Public,
personally a	ppeared	personally known to me OR proved
within instruhis/her/the	ument and acknowledged to me ir authorized capacity(ies), and the person(s), or the entity upon	be the person whose name is subscribed to the that he/she/they executed the same in that by his/her/their signature(s) on the behalf of which the person(s) acted, executed
WITNESS m	ny hand and official seal.	•
Signature of	Notary Public	Notary Seal